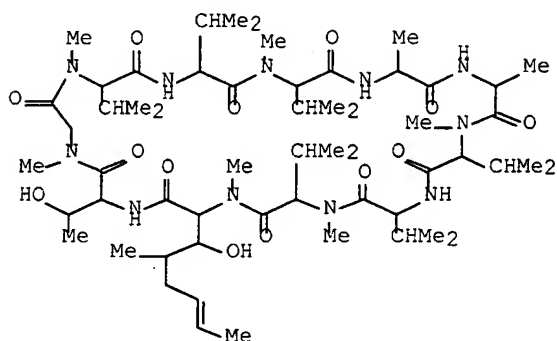


L35 ANSWER 176 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1994:307453 HCAPLUS Full-text  
 DOCUMENT NUMBER: 120:307453  
 TITLE: Manufacture of cyclic peptide FR901459 with  
 Stachybotrys chartarum  
 INVENTOR(S): Izumi, Shizue; Tsujii, Eisaku; Myauchi, Micho;  
 Nakanishi, Tomoko; Takase, Shigehiro; Yamashita,  
 Michio; Okuhara, Masakuni  
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co, Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05271267	A2	19931019	JP 1992-125445	19920420
PRIORITY APPLN. INFO.: GI			JP 1991-117913	A1 19910423



I

AB A cyclopeptide (I), having excellent immunosuppressant activity, was manufactured by fermentation of *Stachybotrys chartarum* Number 19392, extraction of the fermentation broth with acetone, and chromatog. purification of the extract using Diaion HP-20, activated carbon, and silica gel. I is useful for preventing rejection of organ transplants and for treating and preventing autoimmune diseases. I in vitro inhibited mixed lymphocyte reaction (MLR) in murine C57BL/6 (H-2b) and BALB/c (H-2d) cells by 20.1, 53.7, and 98.6% at 10, 32, and 100 µg/mL, resp.

IT 153049-50-4P, FR 901459

RL: PREP (Preparation)

(manufacture of, with *Stachybotrys chartarum*, as immunosuppressant)

RN 153049-50-4 HCAPLUS

CN Cyclo[L-alanyl-D-alanyl-N-methyl-L-leucyl-L-leucyl-N-methyl-L-valyl-  
 (2S,3R,4R,6E)-3-hydroxy-4-methyl-2-(methylamino)-6-octenoyl-L-threonyl-N-  
 methylglycyl-N-methyl-L-leucyl-L-leucyl-N-methyl-L-leucyl] (9CI) (CA  
 INDEX NAME)

